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Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 Of 2

Complete if Known	
Application Number	10/674,241
Filing Date	09/29/03
First Named Inventor	Horace P. Yuen
Art Unit	2131
Examiner Name	Not assigned
Attorney Docket Number	6407

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DA	A	US 6,271,946	08-07-2001	Chang et al.	
DA	B	US 6,683,958	01-27-2004	Petrovic	
DA	C	US 6,885,779	04-26-2005	Keys et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature	/Devin Almeida/	Date Considered	12/18/2006

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Sheet 2 of 2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
DA	1	GISIN, N., RIBORDY, G., TITTEL, W.., ZBINDEN, H. "Quantum Cryptography," Reviews of Modern Physics, Vol. 74, pp. 145-195, 2002.	
DA	2	BARBOSA, G., CORNDORF, E., KUMAR, P., YUEN, H. "Secure Communication Using Mesocopic Coherent States," Physics Review Letters, Vol. 90, 2003.	
DA	3	CORNDORF, E., BARBOSA, G., LIANG, C., YUEN, H., KUMAR, P. "High-Speed Data Encryption Over 25km of Fiber by Two-Mode; Coherent-State Quantum Cryptography," Optics Letters, Vol. 28, pp. 2040, 2003.	
DA	4	CORNDORF, E., KANTER, G.S., LIANG, C., KUMAR, P. "Quantum-Noise Protected Data Ecryption for WDM Networks," Presented at the Conference on Lasers and Electro-Optics (CLEO '2004), San Francisco, CA, May 16-21, 2004; paper CPDDS.	
DA	5	CORNDORF, E., LIANG, C., KANTER, G.S., KUMAR, P., YUEN, H.P. "Quantum-Noise-Protected Data Encryption for WDM Fiber-Optic Networks," ACM Computer Communication Review: Special Section on Impact of Quantum Technologies on Networks and Networking Research, Vol. 28, October 2004.	
DA	6	YUEN, H. "KCQ: A New Approach to Quantum Cryptography I. General Principles and Qubit Key Generation," Quant-ph/0311061, 2003.	
DA	7	CORNDORF, E., KUMAR, P., LIANG, C., BARBOSA, G., YUEN, H.P. "Efficient Quantum Cryptography with Co-herent-State Light in Optical Fibers at Gbps Rates," In Proceedings of the SPIE Annual Conference, San Diego, CA, August 2003.	
DA	8	ZIERLER, N., BRILLHART, J. "On Primitive Trinomials (mod 2)." Journal of Information and Control, Vol. 15, pp. 541-544, 1968.	

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DA	AA	US-5,243,649	09/07/1993	Franson	
DA	AB	US- 5,307,410	04/26/1994	Bennett	
DA	AC	US- 5,515,438	05/07/1996	Bennett et al.	
DA	AD	US- 5,850,441	12/15/1998	Townsend et al.	
DA	AE	US- 5,953,421	09/14/1999	Townsend	
DA	AF	US- 6,272,224	08/07/2001	Mazourenko et al.	
DA	AG	US- 2003/0002670	01/02/2003	Wang	
DA	AH	US- 2002/0106084	08/08/2002	Azuma et al.	
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DA	AI	CALSAMIGLIA, John; BARNETT, Stephen M.; LUTKENHAUS, Norbert. Conditional beam-splitting attack on quantum key distribution. Physical Review, **2001**, 65:012312-1 - 012312-12.	
DA	AM	YUEN, Horace P. Quantum versus classical noise cryptography. Northwestern University, 2000, pp. 399-404.	
DA	AN	YUEN, Horace P.; KIM, Ajung M. Classical noise-based cryptography similar to two-state quantum cryptography. Physics Letters A, **1998**, 241:135-138.	
DA	AO	YUEN, Horace P. Anonymous key quantum cryptography and unconditionally secure quantum bit commitment. Northwestern University, **2000**, pp. 1-11.	
DA	AP	YUEN, Horace P. Unconditionally secure quantum bit commitment is possible. Northwestern University, **2000**, pp. 1-41.	
DA	AQ	BARBOSA, Geraldo A.; CORNDORF, Eric; KUMAR, Prem; YUEN, Horace P. Secure communication using coherent states. Northwestern University, **2002**, pp. 1-4.	
DA	AR	BARBOSA, Geraldo A.; CORNDORF, Eric; KUMAR, Prem; Yuen, Horace P. Quantum cryptography in free space with coherent-state light. Northwestern University, **2002**, pp. 1-11.	
DA	AS	BARBOSA, Geraldo A.; CORNDORF, Eric; KUMAR, Prem; YUEN, Horace P. Secure communication using mesoscopic coherent states. Physical Review Letters, **2003**, 90:227901-1 - 227901-4.	
DA	AT	KUMAR, Prem; YUEN, Horace P. Slides for SPIE Annual Meeting, Seattle, WA. **July 11, 2002.**	
DA	AU	YUEN, Horace P.; KUMAR, Prem. Slides for DARPA QuIST Review, Cambridge, MA, **September 9-13, 2002.**	

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